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NAVIGATING NETWORK RESOURCES USING METADATA

Inventor(s):

Applicant(s):

Classification:	**- international:**	**G06F13/00; G06F17/30; H04L29/08; H04L29/12;** (IPC1-7): G06F13/00; G06F17/30
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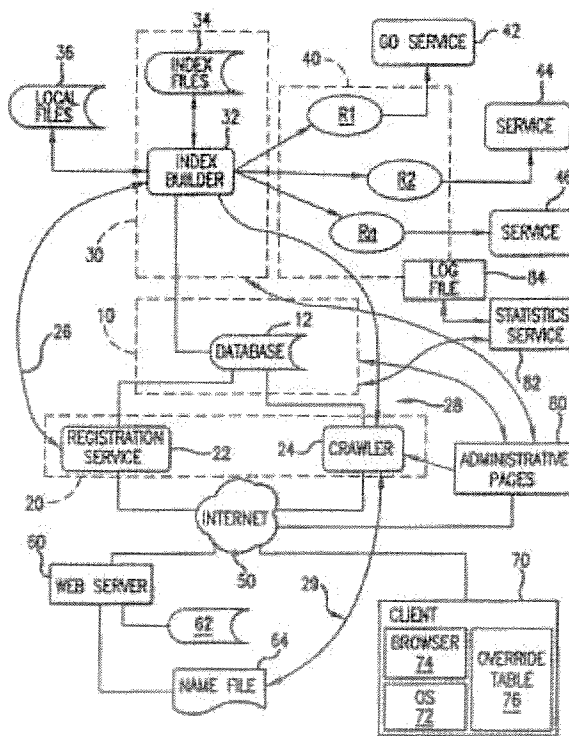**Priority number (s):** US19980017817 19980203; WO1999US02206 19990202

Also published as: WO9939275 (A1) ZA9900772 (A) US6151624 (A) TW468106 (B) EP1066568 (A1) CA2319501 (A1) AU2491599 (A) less

Abstract not available for JP2002502071 (A)

Abstract of correspondent: WO9939275 (A1)

Mechanisms for associating metadata with network resources, and for locating the network resources in a language-independent manner are disclosed. The metadata may include a natural language name of the network resource, its location, its language, its region or intended audience, and other descriptive information. The owners register the metadata in a registry (10). A copy of the metadata is stored on a server (60) associated with a group of the network resources and in a registry that is indexed at a central location (32). A crawler service (24) periodically updates the registry by polling the information on each server associated with registered metadata. To locate a selected network resource, a client (70) provides the name of the network resource to a resolver process. The resolver process provides to the client the network resource location corresponding to the network resource name. Multiple metadata mappings can be established for the same network resource.